

A. Control Measure under Consideration	B. Summary Description of Measure	C. Program/Measure Status	D. Specific Implementation Date	E. VOC Reduction	F. NOx Reduction	G. Resources (FTE's, \$\$)	H. Additional Information
<b>Catawba, SC (Designated - Attainment)</b>							
<p style="text-align: center;"><b>DECEMBER 2006 LANCASTER COUNTY</b></p> <p style="text-align: center;"><b>Based on stakeholder consultation and taking into consideration resource and political constraints, the following emission reduction strategies remain under consideration. The County will continue to evaluate the air quality within the county and may implement one or more of the following measures under consideration.</b></p>							
Early Action Plan Organization Meeting	County officials met with department heads, citizens, education, and corporate officials to begin organizing an Early Action Plan. Attended by 25 individuals.	Completed.	May, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Ozone Action Coordinator	County staff person responsible for ozone education/outreach and dissemination of ozone forecast.	Completed. An Air Quality Contact was first designated in 2004. The current Air Quality contacts are J. Chappell Hurst, Jr. and Chris Karres. At a Safety Committee Retreat it was discussed that the ozone forecast could be placed on the county website in the summer months. On code orange or higher days employees would be encouraged to eat in the building or carpool for lunch.	August 1, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Park and Ride Facilities	County staff will evaluate the number of workers commuting to other counties within South Carolina and work with local businesses willing to allow park and ride opportunities at their place of business. The county has set a goal of 20 percent of the workforce carpooling by the year 2007.	Discussions have taken place about placing park and ride facilities in planned development districts as this is the primary manner by which the northern portion of the county is developing.	July, 2005	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Web Site	Lancaster County is in the process of developing a web site devoted to educating the public about ozone emissions and ways the public can assist in lowering airborne pollutants	At a Safety Committee Retreat it was discussed that the ozone forecast could be placed on the county website in the summer months. On code orange or higher days employees would be encouraged to eat in the building or carpool for lunch.	August 1, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Public Service Announcements, Learn TV Cable, Education TV	Lancaster County will produce public service announcements that will be shown on local cable television outlets and the County's education TV channel promoting ways the public can improve air quality.		July, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Community Meetings	Lancaster County officials will be meeting with the Chamber of Commerce, Rotary, and other community groups in order to explain the Early Action Plan and steps that can be taken by individuals and companies to improve air quality. Plan also includes creating stakeholder agreements with individuals, companies, and civic groups in order to implement air quality measures that improve the community		June -July 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Alternate Work Schedule	Policy will be developed for implementing AWS for employees of area business and industry		Apr-04	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Education	Educate the public through web sites, education TV, education TV slides, PSAs, school group meetings, web sites, radio and print ads, etc. about the EAP and ways individuals and businesses can improve air quality (i.e. vehicles, home appliances, boats, heavy machinery, alternative fuels, agriculture, etc.)		2003-2007	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Recycling Programs	Continue to implement and improve education about County's recycling programs	Completed. The county continues to implement and improve education about the County's recycling programs.	2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Car Fleets Using Alternative Energy Sources	Begin planning to implement alternative fuel sources for County fleets and encouraging alternative fuel fleets at local industry.		2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Heavy Machinery	Implement educational efforts and possibly provide tax breaks to companies that utilize emission control systems on heavy machinery		2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Traffic Synchronization	Continue to implement synchronization of all traffic lights in municipal areas to decrease stop and go traffic.	As part of streetscape projects along Main Street in the City of Lancaster, all of the traffic signals, except three have been synchronized.	2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
School Buses	Improve routes to decrease stop-and-go. Implement steps to purchase alternative fuel buses for fleets		2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Planning	Continue proper planning of communities to decrease urban sprawl and limit the amount of driving in communities. Density restrictions. Implementation of walking/bike trails in residential areas that connect to shopping and retail centers. <b>Require that a minimum of 20% of the tree canopy on all residential developments be preserved. Improve landscaping, buffering and measures dealing with traffic flow within the planned development district requirements.</b>	Decreased density in the northern portion of the county from 2.5du/acre to 1.5 du/acre as a means to further encourage the use of planned development districts (PDD). These districts require mixture use developments, walking trails and connectivity both within the development and to adjoining properties. Are in the middle of the approval process to require sidewalks on at least one side of all streets in residential areas. <b>Require that a minimum of 20% of the tree canopy on all residential developments be preserved. Within the Planned Development Districts regulations, increase perimeter buffer requirements, established a point system to encourage the preservation of open space, provide sidewalks on more than just one side of the road and to limit the length of cul-de-sacs.</b>	10/1/2005. <b>New standards adopted in May 2006.</b>	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Student Driving	Restrict lower grades in high school from operating and driving cars to school		August, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Improvement to S.C. Highway 160	Approved plans for widening this heavily traveled road to help alleviate congestion and to handle anticipated growth.	Plans to widen this road have been approved. The plans call for a landscaped median and limited traffic signals and cross cuts. Construction will begin in 2007 and be completed by 2008.	November 1, 2005	n/a directionally sound	n/a directionally sound	n/a	
Greenway Plan	To develop and approve a greenway plan for the northern portion (Panhandle) of the county. This greenway will connect developments and reduce traffic.	A draft map of the greenway system has been developed. We are working with Mecklenburg County, North Carolina and York County, South Carolina on a greenway across one property which will connect all three counties.	September 27, 2005	n/a directionally sound	n/a directionally sound	n/a	See Comment #3

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Transportation Plan	Develop a transportation plan to help restrict traffic signals and curb cuts on major roads, limit crossovers and require commercial development in minimum 5 acre tracts of land. Additionally, this plan indicates where new roads need to be planned, especially to help move traffic east to west within the county.	The Chamber of Commerce helped develop a draft document that the County can use as a basis for developing a more detailed transportation plan. The Chamber, Planning Dept., an official with the local credit union and the organizer of the Katawba Valley Land Trust worked on this draft document. <b>County Council has adopted ordinances that require a connectivity index of 1.4 be followed within subdivisions containin a dneisty of over 1.5, du/acre, that corner lots on two of the major highways in the northern portion of the county only be allowed access from the lower classified street, unless the lot has at least 1000 feet of frontage on the higher classified street, add req. in commercial and industrial developments to req. acceleration and deceleration lanes, limit spacing between driveways and estab. property line offsets for driveways, to increae block lengths along arterials and collectors and requiring subbed out streets from all developments to adjacent parcels that contain at least 5 acres.</b>	9/27/2005 <b>and new measures adopted prior to June 1, 2006</b>	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Energy Conservation Measures	Install tracking system (GPS) on county vehicles to help reduce the use of gasoline in county vehicles by evaluating routes used to determine if more efficient routes could be developed.	GPS systems have been installed on many county vehicles, particularly in the Public Works Department.	January 1, 2006	n/a directionally sound	n/a directionally sound	n/a	
Stream Buffer/ <b>Landscaping Requirements</b>	Develop regulations to limit the cutting of natural vegetation along creeks, streams and rivers. <b>Increase minimum caliper of the trees that are allowed to be used in a required landscaped buffer between land uses and to increase and more evenly distribute landscaping within parking lots.</b>	Have developed regulations establishing buffers along creeks, streams and rivers. Look to implement in 2006. <b>Increase minimum caliper of the trees that are allowed to be used in a required landscaped buffer between land uses from 1.5 inches to 2.0 inches. Require a landscaped island for every 10 parking spaces.</b>	August, 2005. <b>Landscaping standards adopted in January 2006</b>	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Legislation	Implement legislation to control outdoor burning and educate the public about hazards	Completed. On June 25, 2004 the county supported SCDHEC in the promulgation of the following regulations: SC61-62.2 "Prohibition of Open Burning" & SC61-62.5 Std. 5.2 "Control of Oxides of Nitrogen.	August, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
<b>Comments:</b> 1. December 2004 - SC EAC SIP - activity not quantified for several reasons (first) in accordance with EAC Protocol, after all adopted Federal and State controls were accounted for in the modeling, it was determined that local controls were not necessary to demonstrate attainment of the 8-hour ozone standard. Measures were submitted by the local areas to show their continued support and commitment to the EAC process. (second) this activity is directionally sound and should provide air quality benefits and in some cases measurable results. The progress toward implementing this activity and the benefits derived will be documentd as a part of the ongoing reporting requirements. 2. December 2003 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac.html">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac.html</a> - additional information provided by the county to include "findings", "advantages/disadvantages", "recommendations", "costs", etc.... 3. March 2004 - Local Early Action Plan - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0304.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0304.asp</a> 4. June 2004 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0604.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0604.asp</a> 5. December 2004 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_1204.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_1204.asp</a> 6. December 2004 - SC EAC SIP - Including Appendix 8 (Local Early Action Plans and the Air Quality Awareness and Improvement Policy) and Appendix 16 (County Level Emission Reductions and Descriptions for the Ozone EAC Areas )- See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_sip.html">http://www.scdhec.gov/eqc/baq/html/eap_sip.html</a> 7. April 20, 2005 - Correspondence to Mr. Palmer including clarifying supplemental information to the EAC SIP submittal of December 2004. - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_sip.html">http://www.scdhec.gov/eqc/baq/html/eap_sip.html</a> 8. June 2005 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0605.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0605.asp</a>							